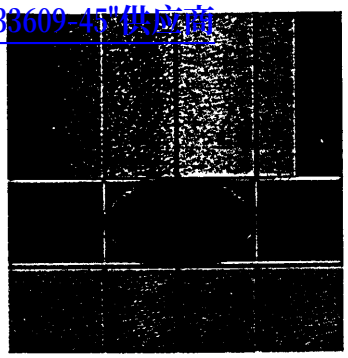
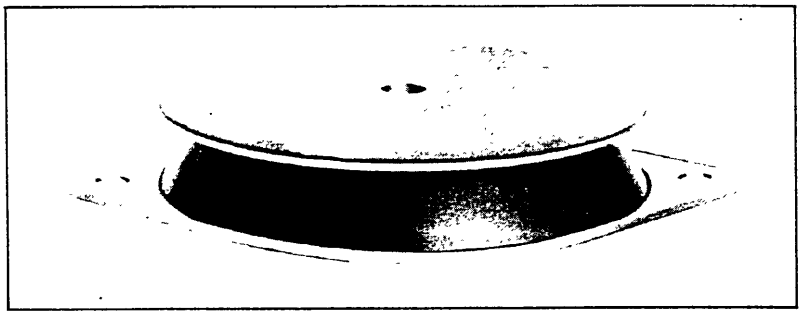
711-0832 to 711-0900



BECA



DESCRIPTION

The BECA mounting comprises a one piece elastomer bonded to a top and bottom plate.

- Top plate : smooth or threaded (welded nut) hole.
- Bottom plate : Fixing lugs or direct bearing on the ground.
- Fully bonded rubber.
- Conical rubber section.
- anti-slip bead or grooved anti-slip base.
- Removable protective top cover : protects the rubber and distributes the load.

OPERATION

The design of the BECA mounting gives the following basic characteristics.

- Transverse elasticity approximately the same as the axial elasticity (equi-frequency).
- Rubber works in compression.
- Progressive buffer against shocks or accidental overload.
- Anti-slip (may be placed directly on the ground).

Advantages

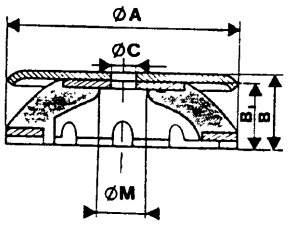
- The machine may be placed (with its mountings) directly on the ground.
- Very slim.
- Speed of fixing.
- Simple removal of the assembly.
- Extensive range: 3 hardnesses of rubber for 6 existing sizes, allowing the mounting to be optimised as a function of the load and forcing frequency.
- A choice of 3 fixing styles.

Recommendations

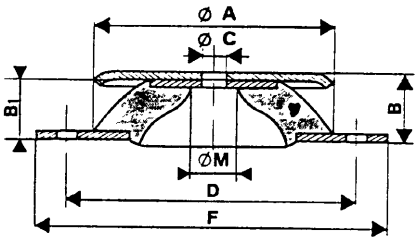
- In order not to affect the performance of the mounting system, all external connections must be flexible.
- BECA mountings can be used on fixed, well-balanced rotating machinery, for machines with high out of balance forces an intertia block may be necessary.

DIMENSIONS

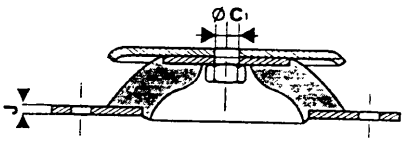
Section XX'



Section XX'



Section XX'



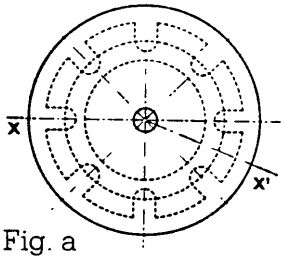


Fig. a

BECA with anti-slip base

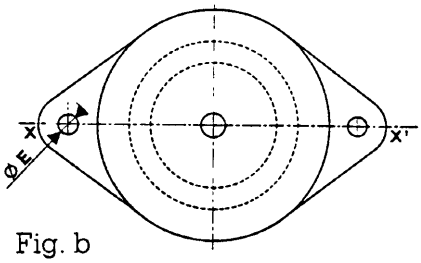


Fig. b

BECA with lugs, smooth hole

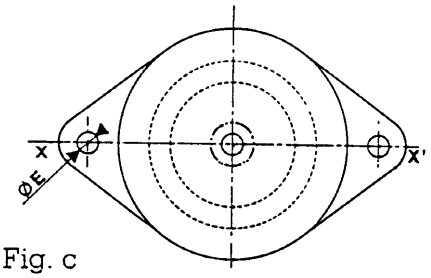


Fig. c

BECA with lugs, threaded hole

TYPE	HARDNESS	Reference			A mm	B mm	B1 mm	C mm	C1 mm	D mm	E mm	F mm	J mm	M mm	Weight g
		Free standing	Fixed installation												
		Smooth hole fig. a	Smooth hole fig. b	Threaded hole fig. c											
ø 40	45.60	–	–	**533641***	40	20	18	–	M 6	52	6,2	64	2	19	50
ø 60	45.60.75	–	–	**533661**	60	24	22.5	–	M 6	76	6,2	90	2	18	140
ø 80	45.60.75	–	**533581**	**533681**	80	27	25	8,1	M 8	100	8,2	120	2	22	250
ø 100	45.60.75	**533108**	–	–	100	30	28	10,2	–	–	–	–	–	22	420
ø 100	45.60.75	–	**533109**	**533609**	100	27.5	25.5	10,2	M10	124	10,2	148	2.5	22	460
ø 150	45.60.75	**533151**	–	–	150	41	38	14,2	–	–	–	–	-	34	1220
ø 150	45.60.75	–	**533152**	**533652**	150	39	36	14,2	M14	182	12,2	214	4	34	1340
ø 200	45.60.75	**533202**	–	–	200	46	42	18	–	–	–	–	-	44	2750
ø 200	45.60.75	–	**533203**	**533623**	200	44	40	18	M18	240	14,5	280	5	44	3030

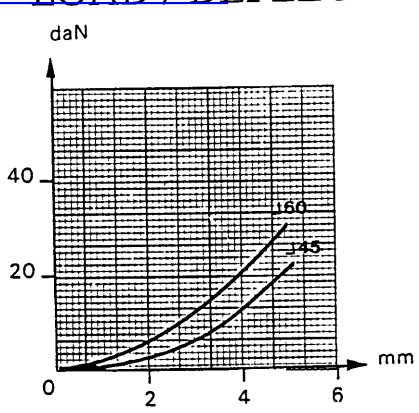
*** ø 40, M6 - RAPID nut - max torque 3 m.N**
See current price list for availability of items.

OPERATING CHARACTERISTICS

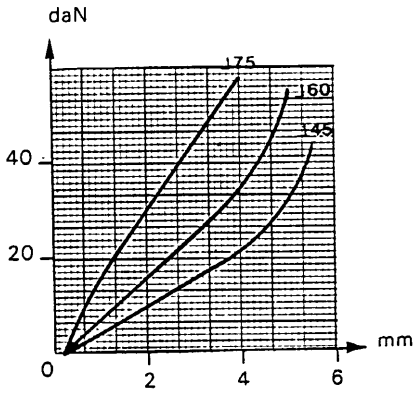
Nominal static load daN	Deflection mm	Type	Hardness
4	2	ø 40	45
10	2,5	ø 40	60
15	3	ø 60	45
25	3	ø 60	60
45	3	ø 60	75
45	4,5	ø 80	45
80	4,5	ø 80	60
90	4	ø 100	45
120	4	ø 80	75

Nominal static load daN	Deflection mm	Type	Hardness
130	7	ø 150	45
160	4	ø 100	60
220	4	ø 100	75
250	7	ø 150	60
350	6	ø 150	75
500	7	ø 200	45
825	7	ø 200	60
1250	6	ø 200	75

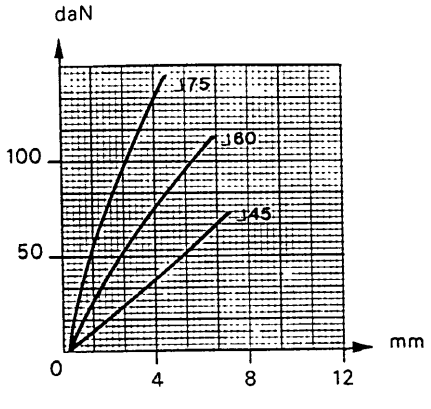
LOADS / DEFLECTION CURVES IN AXIAL COMPRESSION



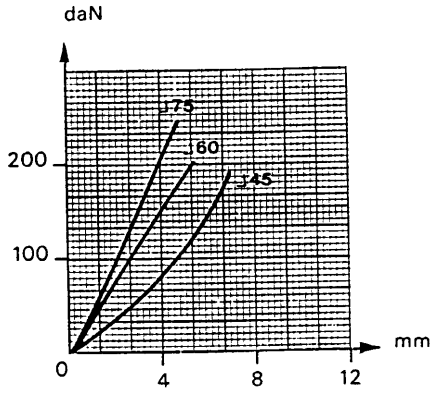
BECA ⌀ 40



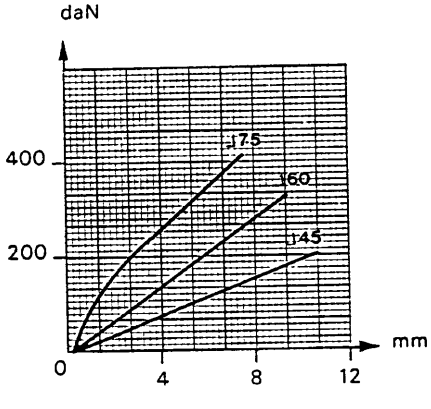
BECA ⌀ 60



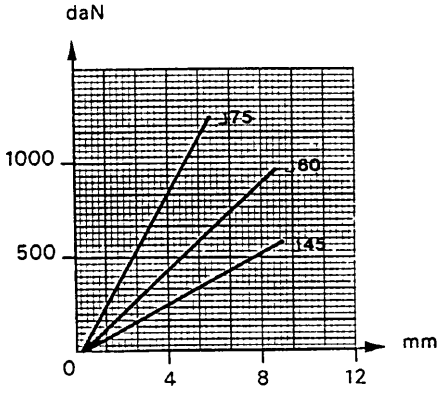
BECA ⌀ 80



BECA ⌀ 100

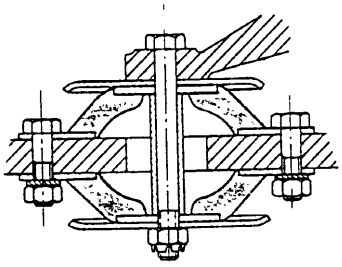


BECA ⌀ 150

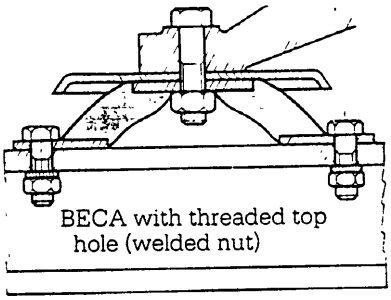


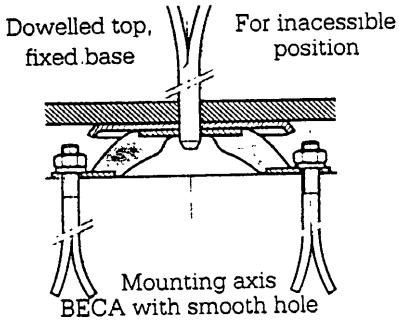
BECA ⌀ 200

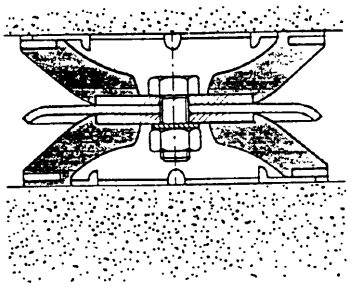
INSTALLATION

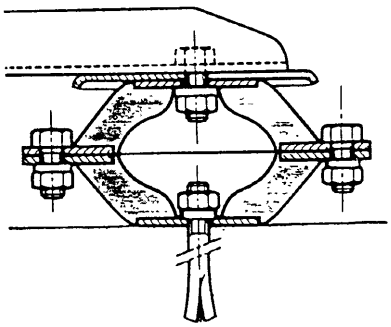


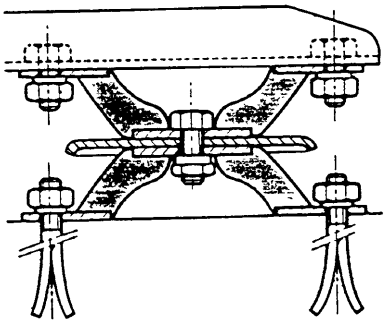
Double acting (prestressed)











BECA mountings in series (to double the deflection)

All our mountings are identified by conventional markings, either a paint spot or figures indicating the hardness: grey = hardness 45, green = hardness 60, blue = hardness 75.